APPENDIX C

CLASSIFIED DEPRESSIONS

C-1. *Depression Totals versus Average Depth*

C-2. *Average Depth versus Area Curve*

APPENDIX C-1

Depression Totals versus Average Depth

Table C.1. Depression Totals versus Average Depth for Entire Upper Basin Watershed

AVERAGE DEPTH (ft)	POSSIBLY INTACT DEPRESSIONS [1, 2]						POSSIBLY DRAINED DEPRESSIONS [1, 3]					
	Count	Surface Area (acres)	Volume (acre-feet)	% Count	% Area	% Volume	Count	Surface Area (acres)	Volume (acre-feet)	% Count	% Area	% Volume
$d_{avg} < 0.5$	38,599	14,467	5,786	60.8%	7.2%	1.2%	38,746	12,667	4,894	74.2%	13.7%	3.7%
$0.5 \le d_{avg} < 1$	16,236	33,337	25,090	25.6%	16.5%	5.2%	9,196	25,228	18,936	17.6%	27.3%	14.3%
$1 \le d_{avg} < 1.5$	3,920	32,059	39,779	6.2%	15.9%	8.3%	2,376	19,396	23,965	4.6%	21.0%	18.1%
$1.5 \le d_{avg} < 2$	1,887	27,089	47,221	3.0%	13.4%	9.8%	995	13,833	24,249	1.9%	15.0%	18.3%
$2 \le d_{avg} < 3$	1,702	41,857	104,206	2.7%	20.7%	21.6%	688	14,581	35,050	1.3%	15.8%	26.4%
$3 \le d_{avg} < 4$	706	28,088	95,319	1.1%	13.9%	19.8%	172	5,506	18,904	0.3%	6.0%	14.2%
$4 \le d_{avg} < 5$	215	9,566	42,659	0.3%	4.7%	8.9%	29	705	3,125	0.06%	0.8%	2.4%
$d_{avg} \ge 5$	193	15,527	121,543	0.3%	7.7%	25.2%	8	512	3,606	0.02%	0.6%	2.7%
Total ($d_{avg} > 0.5$)	*24,859*	*187,523*	*475,817*	39.2%	92.8%	98.8%	*13,464*	*79,762*	*127,835*	25.8%	86.3%	96.3%
Total	*63,458*	*201,990*	*481,604*				*52,210*	*92,429*	*132,729*			

Notes:

(1) Based upon the available data and classification procedure, these depressions were classified as either "intact" or "drained". However, because field verification was not performed, the modifier "possibly" was adopted.

(2) "Possibly intact" depressions may be fully intact, mostly intact, or likely intact (i.e., appears intact, but not definitively so). The presence of standing water was not a prerequisite for classifying a depression as "possibly intact" because water in a shallow depression could be fully lost to evaporation.

(3) "Possibly drained" depressions may be fully drained, mostly drained, partially drained, likely drained (i.e., appears drained, but not definitively so), filled-in, or otherwise non-intact or non-functional. The clear presence of a man-made drain was not a prerequisite for classifying a depression as "possibly drained".

Table C.2. Depression Totals versus Average Depth for Calio Coulee Subwatershed

AVERAGE DEPTH (ft)	POSSIBLY INTACT DEPRESSIONS [1, 2]						POSSIBLY DRAINED DEPRESSIONS [1, 3]					
	Count	Surface Area (acres)	Volume (acre-feet)	% Count	% Area	% Volume	Count	Surface Area (acres)	Volume (acre-feet)	% Count	% Area	% Volume
$d_{avg} < 0.5$	870	316	126	89.5%	4.2%	0.8%	1,155	450	179	121.8%	6.1%	1.4%
$0.5 \le d_{avg} < 1$	527	1,218	938	54.2%	16.2%	6.1%	599	2,053	1,559	63.2%	27.8%	12.5%
$1 \le d_{avg} < 1.5$	192	1,369	1,695	19.8%	18.2%	11.0%	185	1,932	2,381	19.5%	26.1%	19.2%
$1.5 \le d_{avg} < 2$	91	1,549	2,698	9.4%	20.6%	17.6%	80	1,053	1,835	8.4%	14.2%	14.8%
$2 \le d_{avg} < 3$	101	1,895	4,776	10.4%	25.3%	31.1%	66	1,796	4,280	7.0%	24.3%	34.5%
$3 \le d_{avg} < 4$	47	1,216	4,011	4.8%	16.2%	26.1%	16	491	1,713	1.7%	6.6%	13.8%
$4 \le d_{avg} < 5$	10	162	740	1.0%	2.2%	4.8%	1	7	30	0.11%	0.1%	0.2%
$d_{avg} \ge 5$	4	95	511	0.4%	1.3%	3.3%	1	56	621	0.11%	0.8%	5.0%
Total ($d_{avg} > 0.5$)	*972*	*7,504*	*15,368*	100.0%	100.0%	100.0%	*948*	*7,388*	*12,419*	100.0%	100.0%	100.0%
Total	*1,842*	*7,820*	*15,494*				*2,103*	*7,838*	*12,598*			

Notes:

(1) Based upon the available data and classification procedure, these depressions were classified as either "intact" or "drained". However, because field verification was not performed, the modifier "possibly" was adopted.

(2) "Possibly intact" depressions may be fully intact, mostly intact, or likely intact (i.e., appears intact, but not definitively so). The presence of standing water was not a prerequisite for classifying a depression as "possibly intact" because water in a shallow depression could be fully lost to evaporation.

(3) "Possibly drained" depressions may be fully drained, mostly drained, partially drained, likely drained (i.e., appears drained, but not definitively so), filled-in, or otherwise non-intact or non-functional. The clear presence of a man-made drain was not a prerequisite for classifying a depression as "possibly drained".

Table C.3. Depression Totals versus Average Depth for Comstock Subwatershed

AVERAGE DEPTH (ft)	POSSIBLY INTACT DEPRESSIONS [1, 2]						POSSIBLY DRAINED DEPRESSIONS [1, 3]					
	Count	Surface Area (acres)	Volume (acre-feet)	% Count	% Area	% Volume	Count	Surface Area (acres)	Volume (acre-feet)	% Count	% Area	% Volume
$d_{avg} < 0.5$	1,697	503	194	68.8%	10.6%	1.7%	617	201	78	78.1%	24.2%	4.7%
$0.5 \le d_{avg} < 1$	543	925	671	22.0%	19.6%	6.0%	117	183	139	14.8%	22.0%	8.4%
$1 \le d_{avg} < 1.5$	117	1,348	1,722	4.7%	28.5%	15.5%	27	92	113	3.4%	11.1%	6.8%
$1.5 \le d_{avg} < 2$	46	344	586	1.9%	7.3%	5.3%	10	31	50	1.3%	3.7%	3.0%
$2 \le d_{avg} < 3$	30	538	1,279	1.2%	11.4%	11.5%	8	42	112	1.0%	5.1%	6.8%
$3 \le d_{avg} < 4$	18	234	798	0.7%	4.9%	7.2%	6	177	641	0.8%	21.3%	38.9%
$4 \le d_{avg} < 5$	6	104	438	0.2%	2.2%	3.9%	4	84	388	0.51%	10.1%	23.5%
$d_{avg} \ge 5$	8	730	5,421	0.3%	15.4%	48.8%	1	22	130	0.13%	2.7%	7.8%
Total ($d_{avg} > 0.5$)	*768*	*4,223*	*10,916*	31.2%	89.4%	98.3%	*173*	*631*	*1,572*	21.9%	75.8%	95.3%
Total	*2,465*	*4,726*	*11,110*	*100%*	*100%*	*100%*	*790*	*832*	*1,650*	*100%*	*100%*	*100%*

Notes:

(1) Based upon the available data and classification procedure, these depressions were classified as either "intact" or "drained". However, because field verification was not performed, the modifier "possibly" was adopted.

(2) "Possibly intact" depressions may be fully intact, mostly intact, or likely intact (i.e., appears intact, but not definitively so). The presence of standing water was not a prerequisite for classifying a depression as "possibly intact" because water in a shallow depression could be fully lost to evaporation.

(3) "Possibly drained" depressions may be fully drained, mostly drained, partially drained, likely drained (i.e., appears drained, but not definitively so), filled-in, or otherwise non-intact or non-functional. The clear presence of a man-made drain was not a prerequisite for classifying a depression as "possibly drained".

Table C.4. Depression Totals versus Average Depth for Edmore Coulee Subwatershed

AVERAGE DEPTH (ft)	POSSIBLY INTACT DEPRESSIONS [1, 2]						POSSIBLY DRAINED DEPRESSIONS [1, 3]					
	Count	Surface Area (acres)	Volume (acre-feet)	% Count	% Area	% Volume	Count	Surface Area (acres)	Volume (acre-feet)	% Count	% Area	% Volume
$d_{avg} < 0.5$	3,993	1,918	774	46.7%	3.6%	0.6%	4,574	2,452	975	57.8%	9.1%	2.4%
$0.5 \le d_{avg} < 1$	2,568	7,076	5,449	30.0%	13.2%	4.2%	2,139	6,958	5,299	27.0%	25.8%	12.9%
$1 \le d_{avg} < 1.5$	827	7,795	9,673	9.7%	14.5%	7.4%	675	6,194	7,685	8.5%	23.0%	18.7%
$1.5 \le d_{avg} < 2$	491	9,781	16,980	5.7%	18.2%	13.0%	276	4,033	7,000	3.5%	15.0%	17.0%
$2 \le d_{avg} < 3$	447	12,304	30,804	5.2%	22.9%	23.6%	202	4,859	11,773	2.6%	18.0%	28.6%
$3 \le d_{avg} < 4$	159	9,722	32,299	1.9%	18.1%	24.8%	46	2,250	7,650	0.6%	8.4%	18.6%
$4 \le d_{avg} < 5$	41	2,348	10,469	0.5%	4.4%	8.0%	6	162	661	0.08%	0.6%	1.6%
$d_{avg} \ge 5$	24	2,759	23,985	0.3%	5.1%	18.4%	1	17	93	0.01%	0.1%	0.2%
Total ($d_{avg} > 0.5$)	*4,557*	*51,784*	*129,658*	53.3%	96.4%	99.4%	*3,345*	*24,473*	*40,162*	42.2%	90.9%	97.6%
Total	*8,550*	*53,702*	*130,432*	*100%*	*100%*	*100%*	*7,919*	*26,925*	*41,138*	*100%*	*100%*	*100%*

Notes:

(1) Based upon the available data and classification procedure, these depressions were classified as either "intact" or "drained". However, because field verification was not performed, the modifier "possibly" was adopted.

(2) "Possibly intact" depressions may be fully intact, mostly intact, or likely intact (i.e., appears intact, but not definitively so). The presence of standing water was not a prerequisite for classifying a depression as "possibly intact" because water in a shallow depression could be fully lost to evaporation.

(3) "Possibly drained" depressions may be fully drained, mostly drained, partially drained, likely drained (i.e., appears drained, but not definitively so), filled-in, or otherwise non-intact or non-functional. The clear presence of a man-made drain was not a prerequisite for classifying a depression as "possibly drained".

Table C.5. Depression Totals versus Average Depth for Hurricane Lake (Little Coulee) Subwatershed

AVERAGE DEPTH (ft)	POSSIBLY INTACT DEPRESSIONS [1, 2]						POSSIBLY DRAINED DEPRESSIONS [1, 3]					
	Count	Surface Area (acres)	Volume (acre-feet)	% Count	% Area	% Volume	Count	Surface Area (acres)	Volume (acre-feet)	% Count	% Area	% Volume
$d_{avg} < 0.5$	8,174	2,416	936	65.0%	9.8%	1.3%	7,431	1,738	658	85.1%	36.0%	8.4%
$0.5 \le d_{avg} < 1$	3,244	4,472	3,272	25.8%	18.1%	4.6%	993	1,051	734	11.4%	21.8%	9.4%
$1 \le d_{avg} < 1.5$	583	3,282	4,024	4.6%	13.3%	5.7%	177	557	671	2.0%	11.5%	8.6%
$1.5 \le d_{avg} < 2$	200	1,947	3,358	1.6%	7.9%	4.7%	64	226	384	0.7%	4.7%	4.9%
$2 \le d_{avg} < 3$	170	3,307	7,966	1.4%	13.4%	11.3%	45	429	1,072	0.5%	8.9%	13.8%
$3 \le d_{avg} < 4$	88	2,506	8,684	0.7%	10.1%	12.3%	16	202	684	0.2%	4.2%	8.8%
$4 \le d_{avg} < 5$	41	2,452	11,033	0.3%	9.9%	15.6%	9	339	1,545	0.10%	7.0%	19.8%
$d_{avg} \ge 5$	71	4,368	31,449	0.6%	17.6%	44.5%	1	290	2,046	0.01%	6.0%	26.3%
Total ($d_{avg} > 0.5$)	*4,397*	*22,334*	*69,786*	35.0%	90.2%	98.7%	*1,305*	*3,093*	*7,136*	14.9%	64.0%	91.6%
Total	*12,571*	*24,750*	*70,722*	*100%*	*100%*	*100%*	*8,736*	*4,831*	*7,793*	*100%*	*100%*	*100%*

Notes:

(1) Based upon the available data and classification procedure, these depressions were classified as either "intact" or "drained". However, because field verification was not performed, the modifier "possibly" was adopted.

(2) "Possibly intact" depressions may be fully intact, mostly intact, or likely intact (i.e., appears intact, but not definitively so). The presence of standing water was not a prerequisite for classifying a depression as "possibly intact" because water in a shallow depression could be fully lost to evaporation.

(3) "Possibly drained" depressions may be fully drained, mostly drained, partially drained, likely drained (i.e., appears drained, but not definitively so), filled-in, or otherwise non-intact or non-functional. The clear presence of a man-made drain was not a prerequisite for classifying a depression as "possibly drained".

Table C.6. Depression Totals versus Average Depth for Mauvais Coulee Subwatershed

AVERAGE DEPTH (ft)	POSSIBLY INTACT DEPRESSIONS [1, 2]						POSSIBLY DRAINED DEPRESSIONS [1, 3]					
	Count	Surface Area (acres)	Volume (acre-feet)	% Count	% Area	% Volume	Count	Surface Area (acres)	Volume (acre-feet)	% Count	% Area	% Volume
$d_{avg} < 0.5$	21,203	7,388	2,905	66.5%	9.1%	1.6%	22,420	6,485	2,474	82.5%	24.5%	8.2%
$0.5 \le d_{avg} < 1$	7,376	15,121	11,291	23.1%	18.6%	6.2%	3,509	8,174	5,994	12.9%	30.9%	19.8%
$1 \le d_{avg} < 1.5$	1,604	13,178	16,347	5.0%	16.2%	9.0%	743	4,549	5,589	2.7%	17.2%	18.4%
$1.5 \le d_{avg} < 2$	745	10,102	17,710	2.3%	12.4%	9.7%	283	3,535	6,112	1.0%	13.4%	20.2%
$2 \le d_{avg} < 3$	572	16,841	42,210	1.8%	20.7%	23.2%	173	2,892	6,939	0.6%	10.9%	22.9%
$3 \le d_{avg} < 4$	227	9,842	33,884	0.7%	12.1%	18.6%	33	646	2,246	0.1%	2.4%	7.4%
$4 \le d_{avg} < 5$	95	3,678	16,369	0.3%	4.5%	9.0%	7	57	257	0.03%	0.2%	0.8%
$d_{avg} \ge 5$	69	5,239	41,475	0.2%	6.4%	22.8%	4	126	716	0.01%	0.5%	2.4%
Total ($d_{avg} > 0.5$)	*10,688*	*74,002*	*179,286*	33.5%	90.9%	98.4%	*4,752*	*19,979*	*27,854*	17.5%	75.5%	91.8%
Total	*31,891*	*81,390*	*182,192*	*100%*	*100%*	*100%*	*27,172*	*26,465*	*30,328*	*100%*	*100%*	*100%*

Notes:

(1) Based upon the available data and classification procedure, these depressions were classified as either "intact" or "drained". However, because field verification was not performed, the modifier "possibly" was adopted.

(2) "Possibly intact" depressions may be fully intact, mostly intact, or likely intact (i.e., appears intact, but not definitively so). The presence of standing water was not a prerequisite for classifying a depression as "possibly intact" because water in a shallow depression could be fully lost to evaporation.

(3) "Possibly drained" depressions may be fully drained, mostly drained, partially drained, likely drained (i.e., appears drained, but not definitively so), filled-in, or otherwise non-intact or non-functional. The clear presence of a man-made drain was not a prerequisite for classifying a depression as "possibly drained".

Table C.7. Depression Totals versus Average Depth for St. Joe Coulee Subwatershed

AVERAGE DEPTH (ft)	POSSIBLY INTACT DEPRESSIONS [1, 2]						POSSIBLY DRAINED DEPRESSIONS [1, 3]					
	Count	Surface Area (acres)	Volume (acre-feet)	% Count	% Area	% Volume	Count	Surface Area (acres)	Volume (acre-feet)	% Count	% Area	% Volume
$d_{avg} < 0.5$	1,111	1,276	589	51.2%	15.5%	3.9%	748	335	130	49.7%	5.4%	1.5%
$0.5 \le d_{avg} < 1$	645	1,368	1,043	29.7%	16.6%	7.0%	500	2,112	1,619	33.2%	34.0%	18.3%
$1 \le d_{avg} < 1.5$	169	1,655	2,067	7.8%	20.1%	13.8%	136	1,163	1,382	9.0%	18.7%	15.6%
$1.5 \le d_{avg} < 2$	75	636	1,090	3.5%	7.7%	7.3%	72	1,337	2,367	4.8%	21.5%	26.7%
$2 \le d_{avg} < 3$	113	1,655	4,035	5.2%	20.1%	26.9%	37	877	2,049	2.5%	14.1%	23.1%
$3 \le d_{avg} < 4$	49	1,466	5,116	2.3%	17.8%	34.1%	13	382	1,312	0.9%	6.2%	14.8%
$4 \le d_{avg} < 5$	4	79	334	0.2%	1.0%	2.2%	0	0	0	0.00%	0.0%	0.0%
$d_{avg} \ge 5$	5	115	729	0.2%	1.4%	4.9%	0	0	0	0.00%	0.0%	0.0%
Total ($d_{avg} > 0.5$)	*1,060*	*6,975*	*14,412*	48.8%	84.5%	96.1%	*758*	*5,871*	*8,729*	50.3%	94.6%	98.5%
Total	*2,171*	*8,250*	*15,001*	*100%*	*100%*	*100%*	*1,506*	*6,206*	*8,859*	*100%*	*100%*	*100%*

Notes:

(1) Based upon the available data and classification procedure, these depressions were classified as either "intact" or "drained". However, because field verification was not performed, the modifier "possibly" was adopted.

(2) "Possibly intact" depressions may be fully intact, mostly intact, or likely intact (i.e., appears intact, but not definitively so). The presence of standing water was not a prerequisite for classifying a depression as "possibly intact" because water in a shallow depression could be fully lost to evaporation.

(3) "Possibly drained" depressions may be fully drained, mostly drained, partially drained, likely drained (i.e., appears drained, but not definitively so), filled-in, or otherwise non-intact or non-functional. The clear presence of a man-made drain was not a prerequisite for classifying a depression as "possibly drained".

Table C.8. Depression Totals versus Average Depth for Starkweather Coulee Subwatershed

AVERAGE DEPTH (ft)	POSSIBLY INTACT DEPRESSIONS [1, 2]						POSSIBLY DRAINED DEPRESSIONS [1, 3]					
	Count	Surface Area (acres)	Volume (acre-feet)	% Count	% Area	% Volume	Count	Surface Area (acres)	Volume (acre-feet)	% Count	% Area	% Volume
$d_{avg} < 0.5$	1,551	651	262	39.1%	3.0%	0.5%	1,801	1,006	401	45.2%	5.2%	1.3%
$0.5 \le d_{avg} < 1$	1,333	3,157	2,425	33.6%	14.8%	4.3%	1,339	4,697	3,592	33.6%	24.3%	11.8%
$1 \le d_{avg} < 1.5$	428	3,432	4,251	10.8%	16.1%	7.5%	433	4,910	6,143	10.9%	25.4%	20.2%
$1.5 \le d_{avg} < 2$	239	2,730	4,799	6.0%	12.8%	8.5%	210	3,620	6,501	5.3%	18.7%	21.4%
$2 \le d_{avg} < 3$	269	5,317	13,139	6.8%	24.9%	23.2%	157	3,686	8,826	3.9%	19.1%	29.1%
$3 \le d_{avg} < 4$	118	3,101	10,526	3.0%	14.5%	18.6%	42	1,358	4,656	1.1%	7.0%	15.3%
$4 \le d_{avg} < 5$	18	743	3,277	0.5%	3.5%	5.8%	2	56	244	0.05%	0.3%	0.8%
$d_{avg} \ge 5$	12	2,221	17,974	0.3%	10.4%	31.7%	0	0	0	0.00%	0.0%	0.0%
Total ($d_{avg} > 0.5$)	*2,417*	*20,702*	*56,390*	60.9%	97.0%	99.5%	*2,183*	*18,326*	*29,962*	54.8%	94.8%	98.7%
Total	*3,968*	*21,353*	*56,653*	*100%*	*100%*	*100%*	*3,984*	*19,332*	*30,363*	*100%*	*100%*	*100%*

Notes:

(1) Based upon the available data and classification procedure, these depressions were classified as either "intact" or "drained". However, because field verification was not performed, the modifier "possibly" was adopted.

(2) "Possibly intact" depressions may be fully intact, mostly intact, or likely intact (i.e., appears intact, but not definitively so). The presence of standing water was not a prerequisite for classifying a depression as "possibly intact" because water in a shallow depression could be fully lost to evaporation.

(3) "Possibly drained" depressions may be fully drained, mostly drained, partially drained, likely drained (i.e., appears drained, but not definitively so), filled-in, or otherwise non-intact or non-functional. The clear presence of a man-made drain was not a prerequisite for classifying a depression as "possibly drained".

Table C.9. Depression Totals versus Average Depth for Mauvais Coulee Subwatershed, Big Coulee Subarea

AVERAGE DEPTH (ft)	POSSIBLY INTACT DEPRESSIONS [1, 2]						POSSIBLY DRAINED DEPRESSIONS [1, 3]					
	Count	Surface Area (acres)	Volume (acre-feet)	% Count	% Area	% Volume	Count	Surface Area (acres)	Volume (acre-feet)	% Count	% Area	% Volume
$d_{avg} < 0.5$	16,917	5,108	1,996	69.6%	9.7%	1.5%	17,615	4,505	1,699	86.9%	32.7%	11.9%
$0.5 \le d_{avg} < 1$	5,537	9,811	7,303	22.8%	18.6%	5.6%	2,108	4,373	3,209	10.4%	31.7%	22.4%
$1 \le d_{avg} < 1.5$	924	7,270	8,908	3.8%	13.8%	6.8%	331	1,910	2,350	1.6%	13.8%	16.4%
$1.5 \le d_{avg} < 2$	360	4,675	8,227	1.5%	8.9%	6.3%	120	1,492	2,565	0.6%	10.8%	17.9%
$2 \le d_{avg} < 3$	303	10,579	27,034	1.2%	20.1%	20.7%	82	1,033	2,497	0.4%	7.5%	17.4%
$3 \le d_{avg} < 4$	151	7,839	27,100	0.6%	14.9%	20.8%	18	337	1,206	0.1%	2.4%	8.4%
$4 \le d_{avg} < 5$	68	2,867	12,860	0.3%	5.4%	9.9%	4	35	159	0.02%	0.3%	1.1%
$d_{avg} \ge 5$	50	4,501	36,881	0.2%	8.5%	28.3%	2	112	624	0.01%	0.8%	4.4%
Total	*24,310*	*52,649*	*130,309*	*100%*	*100%*	*100%*	*20,280*	*13,797*	*14,309*	*100%*	*100%*	*100%*

Notes:

(1) Based upon the available data and classification procedure, these depressions were classified as either "intact" or "drained". However, because field verification was not performed, the modifier "possibly" was adopted.

(2) "Possibly intact" depressions may be fully intact, mostly intact, or likely intact (i.e., appears intact, but not definitively so). The presence of standing water was not a prerequisite for classifying a depression as "possibly intact" because water in a shallow depression could be fully lost to evaporation.

(3) "Possibly drained" depressions may be fully drained, mostly drained, partially drained, likely drained (i.e., appears drained, but not definitively so), filled-in, or otherwise non-intact or non-functional. The clear presence of a man-made drain was not a prerequisite for classifying a depression as "possibly drained".

Table C.10. Depression Totals versus Average Depth for Mauvais Coulee Subwatershed, Gage 6100 Subarea

AVERAGE DEPTH (ft)	POSSIBLY INTACT DEPRESSIONS [1, 2]						POSSIBLY DRAINED DEPRESSIONS [1, 3]					
	Count	Surface Area (acres)	Volume (acre-feet)	% Count	% Area	% Volume	Count	Surface Area (acres)	Volume (acre-feet)	% Count	% Area	% Volume
$d_{avg} < 0.5$	4,286	2,281	909	56.5%	7.9%	1.8%	4,805	1,980	775	69.7%	15.6%	4.8%
$0.5 \le d_{avg} < 1$	1,839	5,310	3,988	24.3%	18.5%	7.7%	1,401	3,801	2,786	20.3%	30.0%	17.4%
$1 \le d_{avg} < 1.5$	680	5,908	7,440	9.0%	20.6%	14.3%	412	2,639	3,239	6.0%	20.8%	20.2%
$1.5 \le d_{avg} < 2$	385	5,427	9,484	5.1%	18.9%	18.3%	163	2,043	3,547	2.4%	16.1%	22.1%
$2 \le d_{avg} < 3$	269	6,262	15,177	3.5%	21.8%	29.2%	91	1,859	4,442	1.3%	14.7%	27.7%
$3 \le d_{avg} < 4$	76	2,003	6,786	1.0%	7.0%	13.1%	15	309	1,040	0.2%	2.4%	6.5%
$4 \le d_{avg} < 5$	27	810	3,509	0.4%	2.8%	6.8%	3	22	98	0.04%	0.2%	0.6%
$d_{avg} \ge 5$	19	738	4,596	0.3%	2.6%	8.9%	2	14	92	0.03%	0.1%	0.6%
Total	*7,581*	*28,740*	*51,891*	*100%*	*100%*	*100%*	*6,892*	*12,667*	*16,020*	*100%*	*100%*	*100%*

Notes:

(1) Based upon the available data and classification procedure, these depressions were classified as either "intact" or "drained". However, because field verification was not performed, the modifier "possibly" was adopted.

(2) "Possibly intact" depressions may be fully intact, mostly intact, or likely intact (i.e., appears intact, but not definitively so). The presence of standing water was not a prerequisite for classifying a depression as "possibly intact" because water in a shallow depression could be fully lost to evaporation.

(3) "Possibly drained" depressions may be fully drained, mostly drained, partially drained, likely drained (i.e., appears drained, but not definitively so), filled-in, or otherwise non-intact or non-functional. The clear presence of a man-made drain was not a prerequisite for classifying a depression as "possibly drained".

APPENDIX C-2

Average Depth versus Area Curve

DEM-Derived Depressions - Area vs. Depth Regression and Scatter Plot